

To understand the value of `ex234(6)`, we need to follow the function calls and concatenation steps recursively. Let's trace the function step-by-step:

Here's the function for reference:

```
public static String ex234(int n) {
    if (n <= 0) return "";
    return ex234(n-3) + n + ex234(n-2) + n;
}
```

We'll start with `ex234(6)` and break it down.

1. `ex234(6)` :

- First call: `ex234(3)`
- Second call: `ex234(4)`
- Result: `ex234(3) + "6" + ex234(4) + "6"`

2. `ex234(3)` :

- First call: `ex234(0)` (returns "")
- Second call: `ex234(1)`
- Result: `ex234(0) + "3" + ex234(1) + "3"`

3. `ex234(1)` :

- First call: `ex234(-2)` (returns "")
- Second call: `ex234(-1)` (returns "")
- Result: `ex234(-2) + "1" + ex234(-1) + "1"` (which is `" " + "1" + " "` + `"1" = "11"`)

Putting it back into `ex234(3)` :

- Result: `" " + "3" + "11" + "3" = "3113"`

4. `ex234(4)` :

- First call: `ex234(1)`
- Second call: `ex234(2)`
- Result: `ex234(1) + "4" + ex234(2) + "4"`

5. `ex234(1)` :

- Already computed: `"11"`

6. `ex234(2)` :

- First call: `ex234(-1)` (returns "")
- Second call: `ex234(0)` (returns "")
- Result: `ex234(-1) + "2" + ex234(0) + "2"` (which is `" " + "2" + " "` + `"2" = "22"`)

Putting it back into `ex234(4)` :

- Result: `"11" + "4" + "22" + "4" = "114224"`

Putting everything back into `ex234(6)` :

- Result: `"3113" + "6" + "114224" + "6" = "311361142246"`

So, the value of `ex234(6)` is:

311361142246